

7" Two-wire Hand-Free Color Video Door Phone VDP-C37



Designs Subject to Change Without Prior Notice.



INSTRUCTION MANUAL

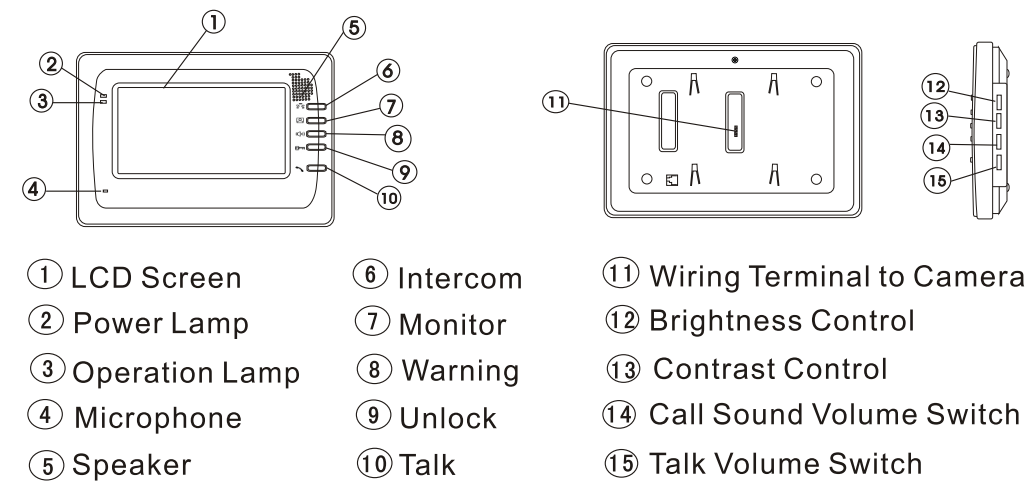
BRIEF INTRODUCTION

Welcome to use our video security intercom system, this 2-wire system is newly released for villas or single houses. This products are based on CCTV technologies, you can watch over the outside conditions on indoor monitor through the camera built in outdoor camera unit. The dual-directional speaker system and indoor lock-control function maximize safety by identify the visitors before opening door. Even at dark night, you can see the visitors clearly with infrared & white LEDs built in the camera. This product is of 2 wiring non-polarity technologies, it is much convenient and simple for installation and popularly used in homes, offices or businesses.

Please read these instructions carefully before installing the system and follow all of the directions to ensure proper installation. This manual should be retained for future reference.

I. FEATURES

● INDOOR MONITOR



4. It can call and communicate but monitor screen illuminates with no picture, the brightness and contrast control are not adjusted.

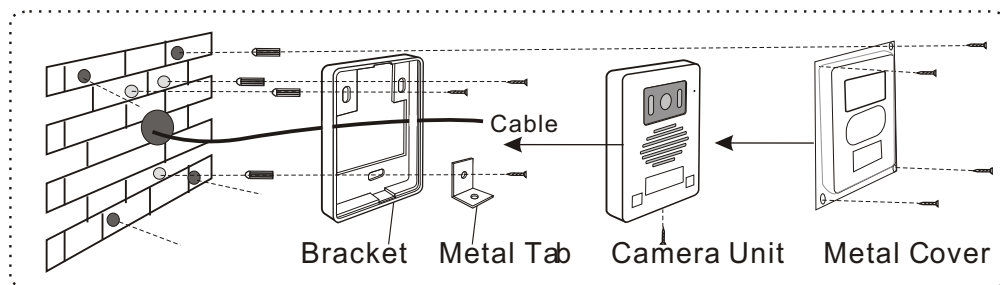
VI. SPECIFICATIONS

Switch Power Supply(SMPS)	100V~240V(50Hz/60Hz)
Power Consumption	Operation≤14W Standby≤2W
Chime Tones	Dingdong/ 8 Chord Melody Rings
Audio Communication System	Duplex Hand-Free
Automatically Shutdown Time	60 Seconds
Unlock Signal Output	12V/2A~100ms
Wiring	Cable between Monitor & Camera: <50m: 20AWG, 0.5mm ² >50m: 18AWG, 1.0mm ² Door Lock Wiring: 18AWG, 1.0mm ²
Working Temperature	-10°C to +40°C

VII. STANDARD PARTS

- ☒ 1 Monitor and 1 Camera
- ☒ 1m Cable for Testing
- ☒ Mounting Bracket for Monitor, Camera & Screws
- ☒ User Manual

- ④ Put the wired Camera Unit in the bracket, then attach a metal cover to the unit and fix with 4 self-tapping screws.



IV. IMPORTANT NOTES

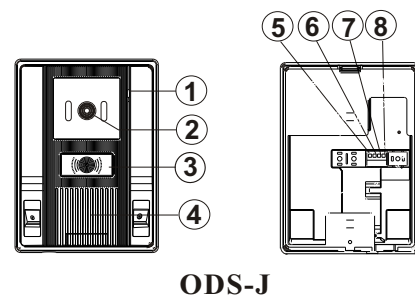
1. Do not install the monitor and camera units where they will be exposed to direct sunlight or other strong light and near to intense magnetic field.
2. Do turn off power of unit before cleaning. Do not use liquid or aerosol cleaners. Use a dry cloth for body of unit.
3. Disconnect the power if you do not use the product for a long time.
4. Do not attempt to service this unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

V. TROUBLE SHOOTING GUIDE

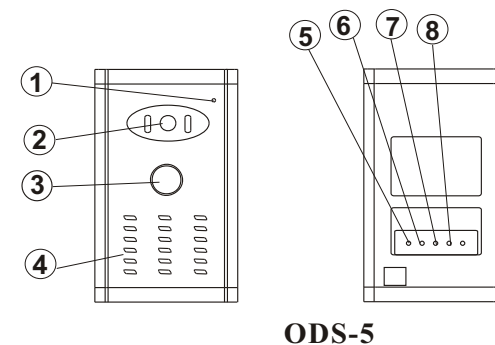
Carefully read and perform the following procedures before returning your video door phone for repairs or replacement.

1. The unit totally dead(Power Lamp off), check the power plug if it is properly inserted into the AC outlet or the AC is not supplied.
2. Power Lamp is dim, the wires between the monitor and camera are shorted.
3. It can call and communicate but there is no audio signal, it is due to defective camera.

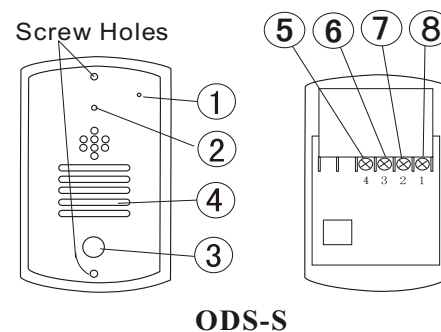
● OUTDOOR CAMERA



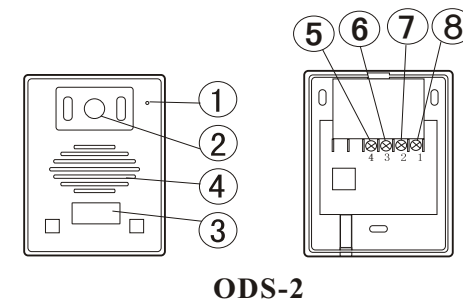
ODS-J



ODS-5



ODS-S



ODS-2

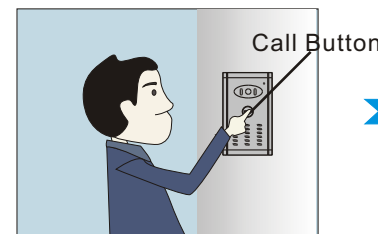
- ① Microphone ② Camera
⑤ Wiring Terminal to Monitor L1
⑦ Lock Connector UNL+

- ③ Call ④ Speaker
⑥ Wiring Terminal to Monitor L2
⑧ Lock Connector UNL-

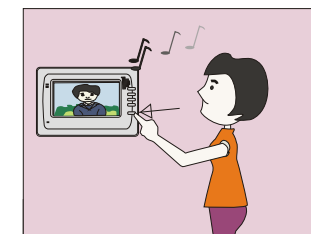
II. OPERATION

Indoor Monitor

1. Visitor Calling: A visitor presses the Call Button on the outdoor camera unit. The monitor's speaker will sound a chime tone to announce that a visitor is at the door and the visitor's image will be automatically displayed on the indoor monitor.

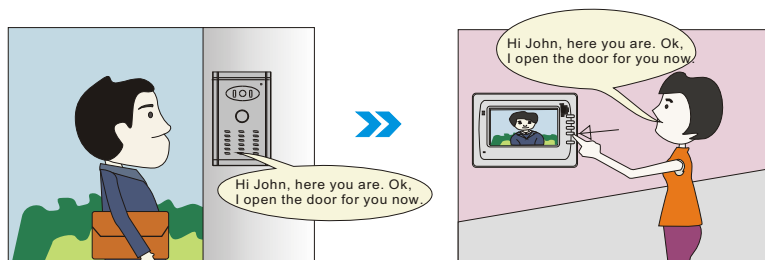


Press Call Button



Press Talk Button to Answer the Call

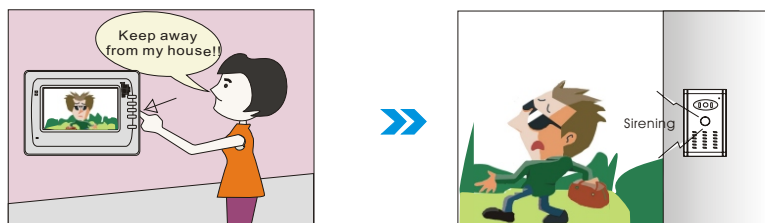
2. Talking: Press Talk Button and talk to the visitor. The visitor's image will remain on the screen for 60 seconds or until you pressing the Talk Button again to finish talking. If there is no respond, the visitor's image will disappear from the monitor's LCD screen within 60 seconds and return to standby mode.



Waiting Outside

Press Unlock Button to Release Door Lock

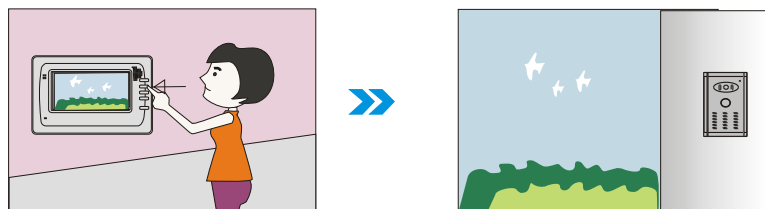
3. Warning: After speaking with the visitor, and if you have installed an electronic door locking system, you can press Unlock Button to electronically unlock the door. If you come into a bag guy or some one playing trick with you, you can keep pressing Warning Button for >2 seconds, the outdoor camera's speaker will siren loudly to scare away them.



Press Warning Button

Siren Outside

4. Monitoring: Press Monitor Button under standby mode, you will see the camera's field of view for 60 seconds. And press Monitor Button again to close monitoring.

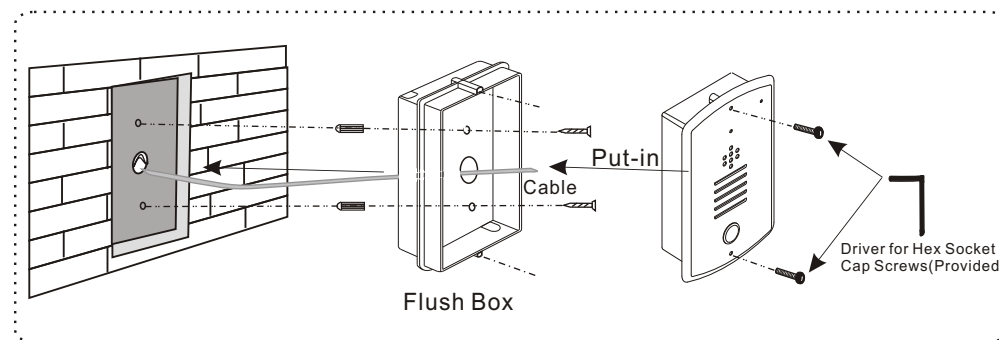


Press Monitor Button

Outdoor View

3) ODS-S

- ① Dig a square hole which is the same size of the Flush Box in the wall and drill a hole in the center for wiring and 2 small holes for plug bolts.
- ② Fix the plug bolts in the 2 small holes and put the Flush Box into the wall and fix with 2 self-tapping screws.
- ③ Pull the wiring which connect to Monitor Unit through the central hole and connect well with Terminals L1&L2. Also prepare 2 wires to connect with Lock Connectors UNL+& UNL- and pull through Flush Box and central hole in the wall and connect with the door lock.
- ④ Put the wired Camera Unit in the Flush Box and fix with 2 Hex Socket Cap Screws.

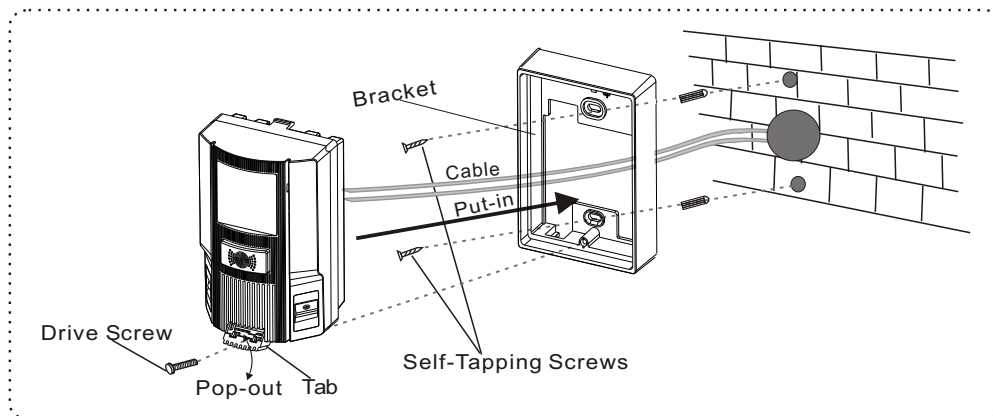


4) ODS-2

- ① Drill a hole in the center area of the bracket just big enough for the electrical wiring to pull through. And drill 7 small holes for the plug bolts.
- ② Insert and fix the plug bolts in the 7 small holes, then attach the mounting bracket and fix with 3 self-tapping screws(please note the 3rd screw is fixed with a Metal Tab).
- ③ Pull the wiring which connect to Monitor Unit through the central hole and connect well with Terminals L1&L2. Also prepare 2 wires to connect with Lock Connectors UNL+& UNL- and pull through Bracket and central hole in the wall and connect with the door lock.

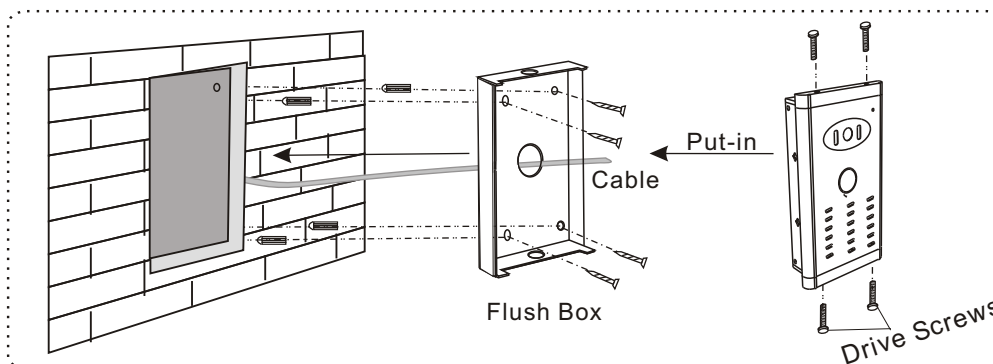
“UNL+& UNL-” and pull through Bracket and central hole in the wall and connect with the door lock.

- ④ Put the wired Camera Unit in the bracket and pop out the tab at the bottom of the unit. Fix it with drive screw and press back the tab.

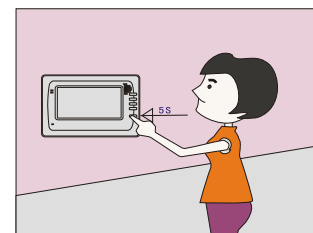


2) ODS-5

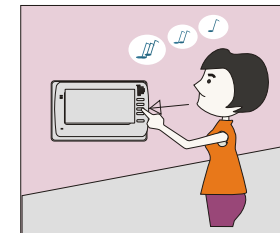
- ① Dig a square hole which is the same size of the Flush Box in the wall and drill a hole in the center for wiring and 4 small holes for plug bolts.
- ② Fix the plug bolts in the 4 small holes and put the Flush Box into the wall and fix with 4 self-tapping screws.
- ③ Pull the wiring which connect to Monitor Unit through the central hole and connect well with Terminals L1&L2. Also prepare 2 wires to connect with Lock Connectors UNL+& UNL- and pull through Flush Box and central hole in the wall and connect with the door lock.
- ④ Put the wired Camera Unit in the Flush Box and fix with 4 drive screws.



5. Others: 1) Effect Adjusting: Use the slide switch for Volume, Brightness & Contrast controls to get best effect you want. 2) Optional Chime Tones: Press Talk Button under standby mode till the tone automatically sounds (about 5 seconds), then press Warning Button to change tones (change with each pressing) till you find suitable tones, press Talk Button again to confirm and set it.

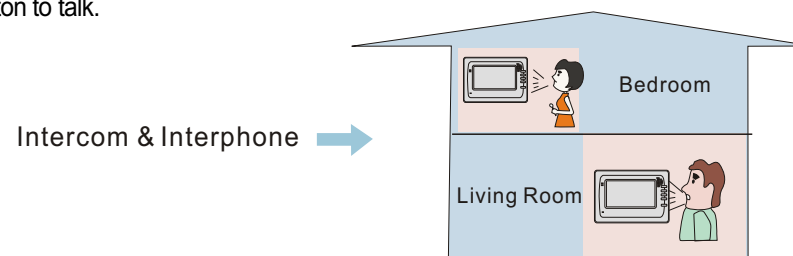


Press Talk Button for 5s
Tone Sound Automatically.



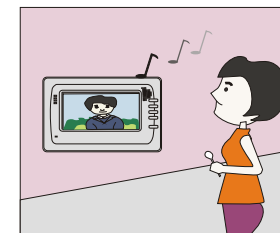
Press Warning
Button to Change Tone.

- 3) When come to expandable system, press Intercom Button under standby mode to call the other monitors and a “DuDu” tone is heard at the other monitors' speakers, and press Talk Button to talk.



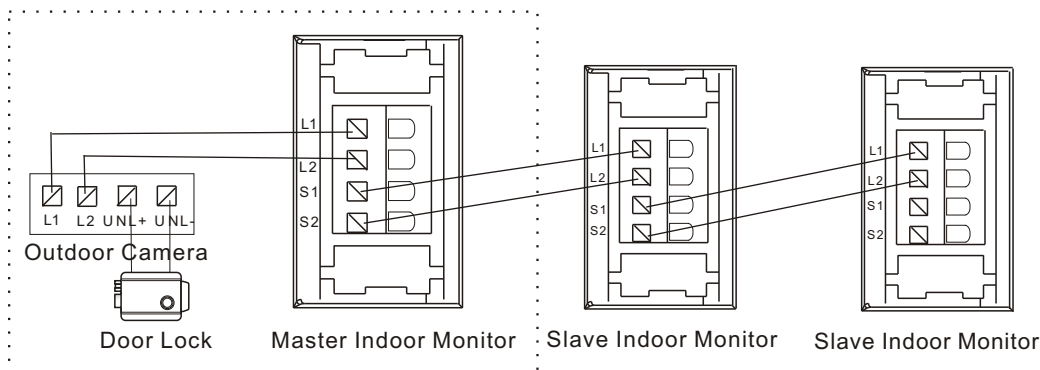
Outdoor Camera

1. While a visitor presses Call Button, a call tone is heard which verifies the call was placed.
2. The host press Talk Button, then intercom with the visitor through microphones.
3. The unit is built in infrared & white LEDs, you can see the visitors clearly even at deep night.



III. INSTALLATION

1. Wiring Diagram



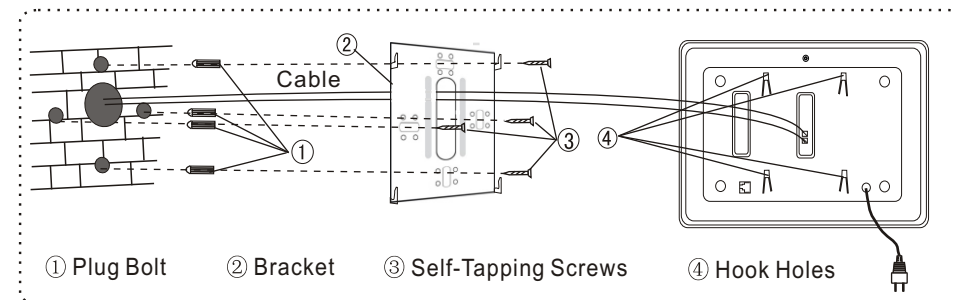
Notes:

- 1) For expandable system, please make sure it is master indoor monitor rather than slave indoor monitor to connect with outdoor camera. There is always 1 master indoor monitor only in a system, the other slave indoor monitors should be connected from the master indoor monitor.
- 2) This system is of 2-wire non-polarity technologies. The connection of terminals can ignore their "+/-"polarity.
- 3) The above figure in dotted line illustrates the standard system, that is 1 camera & 1 monitor. Maximum 1 camera can expand to work with 3 monitors.

2. Monitor Unit

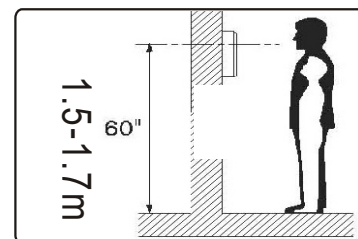
- 1) Select a mounting location to an AC outlet but the monitor cannot be exposed to dirt, direct sunlight(or other strong light), direct moisture conditions. After determining the location, attached mounting bracket securely to the wall.
- 2) Drill a hole in the center area of the bracket just big enough for the electrical wiring to pull through. And drill 4 small holes for plug bolts.
- 3) Insert and fix the plug bolts in the 4 small holes, then attach the mounting bracket to the wall and fix with 4 self-tapping screws.

- 4) Connect well the wires from Wiring Terminal and pull through the central hole which connect to the camera unit.
- 5) Attach the wired monitor unit to the bracket by setting the monitor over the four bracket hooks and sliding it down.



3. Camera Unit

The monitor is compatible with several camera units (ODS-J/ODS-5/ODS-S /ODS-2 are optional.), please verify the model no. before installation and follow correct directions. The recommended location of camera unit is at the height 150~170cm from central part of Camera to the floor(for reference only).



Notes: Do not expose the camera unit to direct sunlight and be sure it is shield from storm rain. The background of visitors may be affected by street lamp and other strong light, you can mount some lamps to highlight for clearer images of visitors.

1) ODS-J

- ① Drill a hole in the center area of the bracket just big enough for the electrical wiring to pull through. And drill 2 small holes for the plug bolts.
- ② Insert and fix the plug bolts in the 2 small holes, then attach the mounting bracket to the wall and fix with 2 self-tapping screws.
- ③ Pull the wiring which connect to Monitor Unit through the central hole and connect well with Terminals L1&L2. Also prepare 2 wires to connect with Lock Connectors